

O.H.M.S.

We Gerald Deputy Minister.

LABORATORY

OF THE

INLAND REVENUE DEPARTMENT

OTTAWA, CANADA.

BULLETIN No. 196

ALE AND LAGER BEER



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BULLETIN No. 196

ALE AND LAGER BEER

W. J. GERALD, Esq.,

Оттама, January 5, 1910.

Deputy Minister of Inland Revenue.

Sir,—I beg to hand you herewith the results of analysis of 140 samples sold as Ale (Beer) and Lager Beer, throughout Canada, in July and August of 1909. These may be classified as follows:—

Ale Lager Beer									,						73 67	samples.
															140	

Of the samples sold as Ale or Beer, two samples, viz.: Nos. 39503 and 36774 contain such small amounts of alcohol, as to exclude them from recognition as Ale; they properly belong to the class of non-alcoholic beverages. Two other samples, viz.: 39504 and 39505, sold as Root-beer and Ginger Beer, respectively, yet contain alcohol equivalent to more than four per cent of proof spirit, and on this account should be regarded as alcoholic beverages, although they are not Malt Liquors.

Our last systematic examination of Malt Liquors was made in 1897, and is reported in Bulletin No. 52. The specific gravity of original worts has been determined by the method authorized for Excise purposes (C. 249), and direct comparison may therefore be instituted between the present report, and that printed as Bulletin 52.

We have no legalized definitions for the articles known as Ale (Beer) and Lager Beer. The report now furnished, together with that of 1897, contains data which will be useful in formulating standards for Malt Liquors; and I would respectfully recommend its publication as Bulletin No. 196.

I have the honour to be, sir, Your obedient servant,

> A. MoGILL, Chief Analyst.

LETIN No. 19	DO ES	-	-	-	1		1	-	=
Inspector's Repo	Name and Address of Manufacturer		ost.		Name and Addres	45	Nature	ction.	
(Is not an express of opinion.)	or Furnisher, as given by the Vendor.	Cente		Quantity	of Vendor.	No. of Sample	Sample	Date of Collection	-
F NOVA SCOTI	DISTRICT O						-		*****
		1	T	1				1909.	1
Dala Ala	Vendors	, v	1	. 3 qts	A. Keith & Son	41726	Beer or Ale	ig. 16	Au
					Halifax Brewering	1	04	1 16	**
Howard's Ale		1			Oland & Son, Hali	1	++	16	.11
Pale Ale		1		. 9	Crystal Spring Min	1 6	92	16	- 01
Ramey's Pilse Beer.	Caldina I		1		Halifay N St			10	
India Pale Ale	deEwan & Co., Ed. I	Min	75	3	Kelley & Glassey. Halifax, N.S.	41730 F	11	16	-11
WARD ISLANI	T OF PRINCE ED		STR	DI					
	1	T			J. & F. Morris,	38541 J	Beer or Ale.	y 19	Jul
	ohn Labatt, Lon- don, Ont.	1			Charlottetown. Halifax Brewing Co.,		н .	19	18
***********	Halifax, N.S.			a	Charlottetown,	38543 M	11	19	EP
	don. Unt.	. (9	non, Charlottetown W. Reddin, Char-	38544 A	11	19	11
***********	Ville, N.S.	1			lottetown. Byrne Bros., Char-		11	19	11
	ass & Co., London, Eng.	15a	90	3 17	lottetown.				-
W BRUNSWICK	DISTRICT OF NEV	D							
Red Ball" Ind	endors	Ve	50	3 qts.	imeon Jones, Ltd.,	39501 Si	Beer or Ale.	19 1	fuly
Pale Ale. eady's Pale Ale		Ve	50	3 .,	St. Johns, N.B. ames Ready, Ltd., St. Johns, N.B.	39502 Ja	a ,	21	11.
abelled Stone Ging			60	3 bots.	Ulah Dros. Sel	00000 1	inger Beer	19 6	**
Beer.		Vei	15	3 ,,	Johns, N.B. J. B. Daley, St.	20004 W	loot Beer	20 F	11
aballed Poot Poor	endorsLa	Vei	30		Johns, N.B. H. McKee & Sons, Fredericton, N.B.	39505 8.	inger Beer	6 G	ug.
abelled Root Beer.	•	-							
sbelled Stone Ginge Beer.	DISTRIC					00000 10	er or Ale.	15 R	nlv
belled Stone Ginge	1		1	. 1	A D.E.L. on or			40 13	
sbelled Stone Ginge Beer.	E. Amiot, Quebec	G. 1	35		A. Delisle, 29 Cote 3 St. Geniéve.			15	
abelled Stone Ginge Beer.	E. Amiot, Quebeo	G. 1 Pro	35	.11	Lacasse, Rue St. 3	36778 V.		15	
abelled Stone Ginge Beer.	E. Amiot, Quebec oteau & Carignan, Quebec. B. Reneaud & Co	G. 1 Pro Q. T. B	35	.11	Lacasse, Rue St. 3 Clair. le Rochette, 7 Rue 3 Deligny.	36774 Jul	"	15	**
abelled Stone Ginge Beer.	E. Amiot, Quebec oteau & Carignan, puebec. B. Reneaud & Co., puebec.	G. 1 Pro Q. T. B	35 35 35	.11	Lacasse, Rue St. 3 Clair. le Rochette, 7 Rue 3	36773 V. 36774 Jul 1 36775 Jul 1	n		

					Rm	BULTS (or Ana	LYSIS.						n of
io	Distil-	Deal		Alcohol		3		- 4	8 -4	3	,		_	Opinion of
Sp. Gr. at 15	Sp. Gr. of Di late at 15:5	Sp. Gr. of D cobolized re due.	By Weight.	By Volume.	As proof sprit.	Sp. Gr. of Original Worts.	Malt used, Ill. per Gallon.	Total Solids in Beer (deter mined).	Residual Soilds (from tables).	Solids in Origina Worte.	Degree of Fer- mentation.	Preservatives	No. of Sample.	Remark 0
R. J.		GH, IN	SPEC	TOR.				-	-					
			р. с.	p. c.	p. c.			р. с.	р. с.	p. c.				
1 0065	0.9908	1 0153	5:37	6:71	11:76	1:0555	2:50	3:76	3.81	13.90	72.6		41726	
0067	0 9817	1 · 0161	6:07	7:57	13:27	1.0617	2:78	3.83	4.01	15:47	74:1		41727	
10088	0.9914	1.0164	5.00	6:24	10:94	1:0534	2:40	3.94	4:09	13:37	69.4		41728	
0014	0.9951	1.0058	2.78	3 49	6.10	1 0249	1:12	1:34	1:44	6:21	76.9		41729	
0047	0.8896	1 0140	6.10	7.61	13:34	1.0004	2.72	3.59	3.65	15-15	75.9		41730	
гнео	. MOC	ORE, I	NSPEC	TOR			The second second						11,00	
	0 9952	1	1	Ī	- 00									
	0.9904		2:72	3 42		1 0370	1.67	4 43	4.29	9.25	50:3		385-11	
	0.9926		5.62	7:01	12:30		2 50	3.28	3.34		76.0	******	38542	
	0.9899		4:25	5:32		1 0494	2 22	4 24	4.58		62.9	********	38543	
	0.3892		6.60	7:45	13.11		2:77	4 12		15.42	70 9		38544	
r. C. 1	FERG	USON,		1	1	1		- 01	10	10 10	10 10	*****	00040	
	0.9017	1	4.81	1	1	. oroal	2.00							
	0.9899				10.54		2.28	3.58		12 67		Salicylie acid.	39501	
	0.9980		5 94	7 40	12.97	.0008	2.69	3 47	3.76	14.99	74.9	Sulphites	39502	
	0.9962		1.06	1.34	2.34			7 20					39503	In:
	0 9959		2.17	2.72	4.76								39504	
010,	0 8000	i otor	2.33	2.93	5.13		****	2.99				*******	39505	
		, INSI	ECTO	R.										
0094	0 9927	1.0169	4.19	5 24	9.18	0471	2.20	4.02	4.21	11.79	64.3		36772	
0122	0.9926	1 · 0196	4.25	5.32	9.31 1	.0503	2.26	4.90	4.89	12.59	61-18	Salicylic	36773	
0003	0.9976	1 0024	1.31	1.65	2.89 1	0106	0.48	0.48	0.60	2.64	2.2	acid.	36774	ls 1
0048	0.9911	1 · 0136	5.19	6.48	11 35 1	0522	2.35	3.15	3 . 39	13 07	74.0		36775	Be
0093	0 9927	1.0171	4.19	5.24	9.181	0473	2.13	4.08	4.26	11 84	64.0		36776	

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		T		1			-		LETIN N 196
	cting.		iture	4	Name and Address	Ci	MT.	Name and Address of Manufacturer	
	Date of Collecting		of inple.	No. of Sample.	of Vendor,	Quantity.	Centa	or Furnisher, as given by the Vendor.	Inspector's Repo (Is not expression opinion.)
Menton		1		-				DISTRICT OF	ST. HYACINTHE
19	09								
July	26	Beer o	r Ale	947	N. Lord, St. Jean. 3	bots.	45	Labatt, London, One	
16	2)	10		948	J. Rivet, Sorel 3	28			***********
86	22	- 10		949	J. L. H. Houde, 3	**		DELM. BRONEPOAL	
Aug	3			950	J. Beauregard & 3 fréres, Windsor	11	- 4	Rock Springs Brew- ery, Quebec, filver Springs Brew- ery, Sherbrooke,	
**	3	**	**		Mills Silver Springs Brew 3 ery, Ltd., Sherbrooke,				
				7				DISTRICT	OF MONTREAL
July	15	Beer or	Ale.	40245	Reinhardt & Sons, 31	broke.	30 V		CONTRACTOR OF THE PARTY OF THE
н	15	11		1	The Nat. Brewries. 3		20		XXX Pale Ale
10	16	44			Ltd., Montreal. Dawes & Co., La- chine, P.Q.	-	25	-	Ecker's Indian Pal Ale, Black Horse, Indi Pale Ale.
Je.	17	89	• •	40249	R. Martel, 51 Vitre 3 st,, Montreal,	"	31 J	no. H. R. Molson &	India Pale Ale
12	17	11	••	402.52	0	11		Bros. eauport Brewing Co	b
-	-		T					DISTRIC	T OF OTTAWA-
	- 1	Seer or	Ale.	41214 7	The Carling B. & M. 3 q	ta	38 V		ale Bitter Ale
	23	н		41245 £	Co., Ltd., Ottawa Dawes & Co., Ltd., 2 Ottawa,	91	36		Dawes India Pale Ale
li.	23	***		41246 C	apital Brewing Co., 3 Ltd., Ottawa.		40	1	apital Ale
# 1	23	- 11		41247 L	Davis Ottom		40 O'		'Keefe's "Amber"
# :	23	.11		41248 J	ohn Labatt, Ottawa 3		88 Ve	Oiseo.	Ale.
11	13	0		41281	3		•		ndia Pale Ale Extra Stock "
	1							,	OF KINGSTON-
ug.	5 B	er or A	le. 4	11160 Jo	hn Fisher, Ports 3 bo	n. 4	S Van	ndor	
	В	н			mouth. J. Lawler, King. 3 "				***************
17	3	**			McParland, King. 3		P	doCarthy & Son,	***************
. (3	11			mes Roy, Belle-3	1	Lab	att's, London	
. (**			wHome D & M. C.		Ven	dor	
	1				restope B.& M. Co 3 "	41	Von	dore	

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EAL-

n Pale India

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					RE	BULLYM C	W AN	ALISIS						70
2	Distil-	1:		Alcoho		1				1	-		-	Opanion o
Sp. Gr. at 15 5.	Sp. Gr. of Di late at 15 Se.	Sp. Gr. of Dea coholined resi due.	By Weight.	By Volume.	As proof	Sp. Gr. of Original	Malt used, Ibs. per Gallon.	Total Solids in Beer (deter mined).	Residual Solida (from tables).	Solide in Original Worte,	Degree of Fermentation.	Preservatives.	Na. of Sample.	Remarks and C
J. C.	ROUL	KAU,	INSP	KCTO!	L.									-
			p. c.	p. e.	p. e.			=	p. c.	p. c.				
1:0082	0.9920	1 0163	4:62	5:78	10.13	1.0500	7- 12	3	4.06	12:52	67.5	*** ****	617	
1 .0043	0.9914	1 0127	5:00	6.24	10:94	1 0497	g:+.,	08	3.16	12 44	74.5		946	
1 .0008	0 9928	1 0166	4:12	5.16	9:04	1.0463	2109	3.94	4.14	11.28	64.2	. * * * * * * * *	949	
1:0074	0.9930	1.0146	4.60	5.00	8:77	1.0434	1.95	3.49	3.64	10.88	66:4	** *****	950	
1:0070	0 9927	1 · 0163	4.19	5.24	9.18	1.0462	2.09	3.41	4.06	11-63	65 1	*******	961	
J. J. (COSTI	GAN,	INSPI	ECTOR	L.			1					1	
1 9036	9935	1 0101	3.71	4.63	8 13	1 0365	1.64	2.30	2.62	9.12	72.3		40245	
1.0004	9922	1 .0173	4.20	5.63	9.86	1.0500	2 25	4.00	4:31	12.52	65.5		40216	
1.0004	9914	1 0138	5 00	6.24	10.94	1.0568	2.23	3.07	3-44	12.72		Trace of	40248	
1:0061	9914	1:0144	5 00	6.24	10.94	1.0514	2 31	3.26	3 59	12.87	72.1	acid.	40249	
1.0001	0.9927	1 . 0167	- 19	5.24	9.18	1 0469	2.11	3.72	4.16	11:74	64.5		40252	
J. A. 1	RICK	EY, IN	R ()	TOR.	,	,)	1			J	_
1 0007	991	1.0183	£ 06	6.32	11.08	1.0558	2.51	4:31	4.56	13-98	67:4		41244	
1 0073	9609	1.00.53	5.31	6.63	11.62	1.0550	3.48	3.21	3.81	13.78	72.3		41245	
0001	. vus.	0110	4.81	6.02	10.54	1.0494	2.23	3.49	3.37	12.26	71.8		41246	
10101	9927	1 0174	4.19	5.24	9.18	1.0476	2.14	4:11	4:34	11.91	63.6		41247	
1 0007	9916	1.0175	4 87	6.10	10.67	1.0534	2.40	4:22	4:36	13 37	67.4		41248	
1 0097	9913	1.0181	5.06	6.33	11.08	1 0556	2.50	4.28	4 51	13-93	67.6		41281	
TAS. F	IOGA	N, INS	PECT	OR.				1		1	- 1	,	1	_
0066	9904	1 0157	5.62	7:01	12 30	1.0679	2 61	3.72	3.91	14.51	73.0		41160	
0079	9904	1.0171	5.62	7 01	12.30	1 0593	2.67	4.20	4.26	14.86	71.3		41161	
.0000	9917	1 0163	4.81	6.02	10.54	1.0617	2.33	3.77	4.06	12.94	68-6		41162	
0061	9917	1.0141	4.81	6.02	10 54	1.0495	2.23	3.18	8.51	12:39	71.7		41163	
.0081	9019	1.0165	5-81	6:63	11.62		2.52	4.02	4-11	14.08	70.8		41164	

					Co	ST.		
Date of College	Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Quantity.	Cents.	Name and Address of Manufacturer or Furnisher, as given by the Vendor.	Inspector's Report (Is not an expressio of opinion.)
							DISTR	ICT OF TORONTO
190	19.				1	T		
Aug	. 3	Beer or Ale.	4132	Taylor & Bates, St.	3 qts.	50	Vendors	India Pale Ale
11	11	ж.		Grant's Springs Brewery Co., Ltd.,		40		East India Pale Ale
**	18		41331	Hamilton. Clooney Estate, 928 Bloor Street West, Toronto.	3 "	45	The Dom. Breweries Co., Ltd., Toronto.	India Pale Ale
	18	۳.	41332	J. H. King, 112-116 Dungas St., Tor- onto.	3 ,	45	Toronto B. & M. Co., Ltd., Toronto.	Pale Ale
**	18	н .	41333	J. L. Starkey, 837 Queen Street West, Toronto.	3 ,,	45	The Cosgrove Brewing Co., Ltd., Toronto.	0
							DISTR	ICT OF LONDON
-		Beer or Ale.		C. J. Watson, Guelph		75	Halliday Bros., Guelph.	East Kent Ale
11	23	** .		Walsh Bros., Strat- ford,		45	John Labatt, Lon-	
"	25	11 .	30802	Walter Sauits, Gode- rich.	3 11	40	don, Ont. Berlin Brewing Co.,	Pilsener Beer
**	29	11 .	30813	Chas. B. Pugh, Clinton.	3 "	30	Berlin, Ont. Cosgrove Brewing Co., Toronto.	
							DISTRIC	CT OF WINDSOR-
July	23	Beer or Ale,		Thomas	3 qts.	50	Rudolph & Begg, St.	******
11	23		35931	J. H. Price, St.		50	Thomas Cosgrove Brewing	****************
**	23		35982	A. E. Ponsford, St.	3	50	Co., Toronto, John Labatt, Lon-	
11	23	4 .	35983	A. F. Ponstord St.	3 "		don. Carling B. & M. Co.,	
***	23	" -,	35984	Thomas. E. J. Butler, St. Thomas.	3 .,	50	London. Walkerville Brewing Co., Walkerville	***************************************
							DISTRICT	OF MANITOBA-
July	23	Beer or Ale.	39741	P. Shea, Winnipeg.	3 qts.	50	McDonagh & Shea,	India Pale Ale
11	26	"	39742	Geo. Vetie	3 11		Winnipeg, Man. Bass & Co. (Bottled) by C. C. Hibbert & Co., London, Eng.)	

					RE	SCLTS C	of Ana	ALYSIS,						jo uc
	til.	al.		Alcohol		inal	* .	134	φ,	78	4	1		pinie
Sp. Gr. at 15.5	S., Gr. of Distil	Sp. Gr. of Deal- coholized resi- due.	By Weight.	By Volume.	As Proof Spirit.	Sp Gr. of Original Worte.	Malt teed, Il	Total Solids in Beer (deter- mined).	Residual Solids (from tables).	Solids in Origina Worts.	Degree of Fermentation.	Preservatives.	No. of Sample.	Remarks and Opinion of
Н. Ј.	DAGE	er, in	SPEC	TOR.										
			р. с.	р. с.	р. с.			р. с.	p. c.	р. с.				
1.0087	0 9918	1.0168	4:75	5.94	10:40	1.0516	2 32	3.74	4.19	12.92	67 5		41329	
1.0143	0.9916	1 0224	4.87	6 · 10	10.67	1 0583	2.62	5.39	5.20	14.61	61 . 7		41330	
1 0073	0 · 9902	1 · 0169	5 75	7:17	12:57	1:0601	2:70	4.02	4.21	15.06	72.0		41331	
1.0082	0 · 9912	1 0165	5.12	6:40	11 21	1 0545	2.73	4:08	4:11	13.65	69.9		41332	
1 · 0073	0.9908	1 · 0163	5.37	6.71	11:76	1:0565	2:54	3.78	4.06	14.15	71:3		41333	
-1	DD, 12 0-9912	1 0121	TOR. 5.12	6.40	11.21	1 · 0501	2 · 25	2.88	3.01	12.54	75.9		30686	
1 0079	0 9920	1.0164	4.62	5.78	10.13	1.0501	2.25	3.75	4.09	12.54	67 4		30692	
1.0145	0.9941	1.0203	3.35	4.20	7:36	1.0441	1.98	4.84	5.11	11.03	53.6		30802	
1.0063	0.9908	1.0171	5.37	6.71	11.76	1 0573	2.58	3.92	4.26	14.36	73.1		30813	
JNO.	TALB	от, 18	SPEC	TOR.										
0171	0 9926	1 0245	4.25	5.32	9.31	1 0552	2.48	5.84	6-11	13 83	55.8		35980	
0055	0.9902	1.0148	5.26	6:94	12.16	1.0565	2.54	3.58	3.69	14.15	73 9	Sulphites	35981	
1.0109	0.9925	1.0181	4:31	5.39	9:45	1.0493	2.22	4.16	4.91	12:34	63.4	11	35982	
1 0072	0.9913	1 0157	5.06	6.32	11 08	1.0532	2.39	3.28	3.91	13.32	70.6		35983	
L:0067	0.9915	1.0150	4.94	6.17	10.81	1.0515	2.32	3 40	3.74	12.89	71.0	11	35984	
A. C.	LARI	VIÈRI	E, INS	PECT	OR.									
0086	0 9921	1 · 0165	4.96	5.71	9.99	1 · 0497	2.23	3.75	4'11	12.44	66.9		39741	
1.0084	9895	1 · 0186	6.21	7:74	13:57	1.0651	2 93	4.28	4:64	16:33	71.6		39742	
		1.0199	4:37	5:17	0.50	1.0516	2.32	4.83	4.96	12.92	61.6		39743	

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Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Quantity.	Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor.	Inspector's Report (is not an expression of opinion).
						DISTRI	CT_OF CALGARY
1909.			-				1
July 29.	Beer or Ale.	81573	Calgary B. & M. Co. 3 Calgary.	qts.	50	Vendors	
Aug. 7.	11	35578	Great West Linuor	61	75	Edward L. Drewery,	
н 7.	11	35576	Co., Calgary. Calgarry Wine &	11	75	Winnipeg. Bass & Co., London,	*** *** **** *
п 10.	f1	35.577	Spirit Co., Calgary Edmonton B. & M.	89	50	Eng. Vendors	
н 10.	0.6	35600	Co., Calgary. Edmonton Wine & Spirit Co., Calgary	11	60	Bass & Co., London, Eng.	
	w · +-		, - · · ·			DISTRICT	OF VANCOUVER
July 20.	Beer or Ale.	37681	Royal Brewing Co., 3 Vancouver, B.C.	ųts.	50	Vendors	XXX brand
н 20,	16	37682	Pacific Bottling Works, Vancouver.	- 11	60	Seattle B. & M. Co., Seattle, Wash.	
20.	**	37683	McLaren & Urquhart Vancouver.	1.	60	Calgary Brewing Co.,	Bottled by A. E. Suc ling & Co., Vanco ver.
н 20.	71	37681	Hughes Bros., Van-	н	45	Vancouver Brewries, Vancouver.	
н 20.	11	37685	A. E. Suckling, Van-	н	60	Olympia, Waah.	Olympia
						DISTRIC	CT OF VICTORIA
Aug. 5.	Beer or Ale.	41521	WindsorCrocery Co., 3 Victoria, B.C.	qts.	45	Victoria Phænix Brewing Co., Vic-	
н 5.	81	41522	Saunders Grocery Co., Ltd, Victoria.	29	75	toria, B.C. Bass & Co., Burton- on-Trent, Eng.	Blood, Wolfe & Co
п 6.	99	41523	West End Grosery	99	50	Lahatt's, London,	Liverpool. India Pale Ale
	**	41524	Co., Ltd., Victoria. Fred Carue, Victoria.	11	50	Ont. Silver Spring Brewery Co., Victoria, B.C.	Tates English Ale .
ь 6,	'						

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J.

					Rı	BULTS	OF ANA	LYSIN,						m of
Sp. Gr. at 15 %	Sp. Gr. of Distil- late at 15 b.	Sp. Gr. of Deal- coholized resi- due.	By Waight.	By Volume.	As proof spirit.	Sp. Gr. of Original Worta.	Malt used, lbs. per Gallon.	Total Solids in Beer (deter- mined.	Residual Solids (from tables).	Solids in Original Worts.	Degree of Fer- mentation.	Proservatives.	No. of Sample.	Remarks and Opinion
R. W.	FLET	CHER	, INS	PECTO	R.									
10063	0 · 9901	1.0148	p. c. 5·81	p. c. 7 25	p. e. 12·70	1 : 0585	2 68	p. c. 3:99	p. c.	p. c. 14·66	74.8		35573	
0083	0 • 9909	1.0171	5.31	6.63	11.68	1 :0568	2.55	4 · 21	4.26	14 23	70.0		35575	
		1.0108	7.27	9.04	15 85	1.0651	3.83	2:4%	2.69	16.83	83.5		85576	
1	0.8906		5.50	6.88	12.03	1.0516	3.33	2 40	2.59	12.93	79 9.		35577	
0021	0 9879	1.0128	7:38	9.13	15 99	1.0677	3:04	3.21	3.19	16.98	81 . 2 .		35600	
. F. I	POWE	R, IN	SPEC	ror.										
0033	0 · 9935	1.0098	3.71	4 · 63	B-13	1 · 0362	1.63	2.30	2.41	9.03	7:30		37681	
0120	0 9923	1.0195	4:44	5 55	9 72	1.0517	2 33	4.63	4.86	12:94	62 4 .		37682	
0192	0.9942	1 0243	3 29	4 12	7 23	1.0474	2.13	6.12	6.06	11.86	48.9		37683	
0133	9926	1:0205	4 25	5.32	9.31	1:0512	2.30	4:84	5.11	12.82	60.08	ulphites	37684	
0115	9925	1.0188	4.31	5.39	9.45	1 · 0500	2.25	4:44	4 69	12:52	62.9		37685	
. 0'8	ULLI	VAN,	INSPI	CTOR							'-			
0117	9961	1 · 0179	2.22	2.79	4 .89	1 · 0326	1:47	4:38	4:46	8:14	45 2 .		41521	
0034	9885	1.0143	6 93	8 68	15:12	1 0608	2.74	3 39	3.26	15 24	76.6		41522	
0089	9914	1 0161	5.00	6 24	10 94	1 0531	2:39	4:12	4.01	13 30	69.9	,	41523	
0079	9022	1.0150	4.50	5.63	9.86	1 0477	2.15	3 . 89	3 74	11:94	68;7		41524	
0064	9905	1.0158	5.56	6.94	12.16	1 0575	2.59	3.60	3.94	14:41	72.6		41525	

		Cost.
Date of Collection.	Nature of Sample.	Name and Address of Vendor. Name and Address of Manufacturer or Furnisher, as given by the Vendor. Name and Address of Manufacturer or Furnisher, as given by the Vendor.
-	C VINNESSON STREET, SPACE AND A VINNESSON STREET, SPACE AND ASSESSED.	3 0
		DISTRICT OF NOVA SCOTIA-
1909	9.	
Aug.	16 Lager Beer	41731 T. F. Courtney & Co., 6 Pts. 90 Anheuser Busch B. Budweiser
"	16	Halifax, N.S. Co., St. Louis, U.S. 41732 John Tobin & Co., 6 75 Pabst Brewing Co., Blue Ribbon
	16	Halifax, N.S. Milwankow II S
	16	41733 Kelley & Glassey, 6 75 Jos. Schlitz Br. Co., Halifax, N. S. 41734 Dillon Bros., Hali-6 70 Everard Browing Co. Red Star
11	18 "	41734 Dillon Broa., Hali-6 70 Everard Browing Co. Red Star
		fax, N.S. Co., St. Louis, U.S.
		DISTRICT OF NEW BRUNSWICK-
Tulu	10 T D	MOTOR (II)
July	19 Lager Beer	39506 Simeon Jones, Ltd., 3 Bots 25 Canadian Breweries Ekerts Ltd., Montreal.
- 11	21 "	3950, James Ready, Ltd., 3 " 40 Vendors
n	22	N. B. 39508 John, O'Regan, St. 3 40 Jos. Schlitz, B. Co., Schlitz John, N. B. Milwaukee, U.S.
10	23	John, N. B. 39509 Comeau & Sheehan, 3 40 Anheuser Busch B. Budweiser
11	23	Section 20 Comeau & Sheehan, 3 St. John, N. B. Section 30 Vm. E. McIntyre, 6 Section 31 John, N. B. Section 31 John, N. B. 40 Anheuser Busch B. Budweiser. Co., St. Louis, U.S. The Ebling B. Co., Sunlight. New York, U.S.
-		St. John, N.B. New York, U.S.
		DISTRICT OF QUEBEC-
July	15 Lager Beer	36777 E. A. Delisle, 29 3 Bots 30 The Beauport Brow-
11	15	Cote Genevieve. ing Co., Quebec. 36778 Jules Rochette, 7 3 55 G. E. Amyot. Que-
11	15	Rue Deligny. 36779 J. B. Cote, 381 Rue 3 45 George Patry, Que-
**	13	36780 E. Lafrance, 273 Rue 3 11 45 bec.
и	15 0	36781 St. Jean. 3 30 G. E. Amyot, Que-
	- ' '	bec.
		DISTRICT OF ST. HYACINTHE -
July	19 Lager Beer.	953 S. Gauthier, Farn-3 Bots 60 The Union Brewery, Kunts
11	22	954 M. H. Bernier, Vic. 3 75 L. Chant File & Budweiser
Aug.	4 "	toriaville. 955 J. F. Chicoine, S 40 Geo. E. Amyot B. B. B.
11	5	toriaville. 955 J. F. Chicoine, 3 40 Geo. E. Amyot B. B. B. Co., Ltd., Quebec. 956 A. H. Hubert, 3 60 Ltd., Quebec. Chaput Fils & Blue Ribbon
**	5 "	Marieville. 957 R. Davignon, Iber-3 40 O. Archambault, Salvador
		ville. Iberville.

LAGER BEER.

15.50.	Dirth.	Palcobol					RESUL	rs of .	Analys	is.				on of
ity at	, it. of	tyof D		Alcohol		ty of orts.	llon.	ined.	# B	inal	ion.	! .	4:	s and Opinion of the Chief Analyst
Specific Gravity at 15.5r.	Specific Gravitrilate at 15.5.	Specific Gravity of Dealcohol	By Weight	By Volume.	As Proof Spirit.	Specific Gravity of	Malt Used, Lbs. per Gallon	Total Solids in Beer determined	Residual Solids (from tables	Solids in Origina Worts	Degree of Fermentation	Preservatives	No. of Sample.	Remarks and Opinion of the Chief Analys
R. J.	WAU	9H, 11	ISPEC	CTOR.										
			p.c.	p.c.	p.c.			p.c.	p.c.	p.c.		ı		
1.0158	30.9931	1.0220	3.94	4.93	8164	1.0503	2 26	5.18	5-49	12.59	56 · 4		41731	
1 0198	0.9949	1.0247	2.93	3:62	0 01	1:0446	2:01	5 85	6 16	11:16	4418	· ·	41732	
0114	1.0.9u31	1.0181	3:94	4.93	8:64	1:0464	2.00	4:18	4:51	11.61	61:1		41728	
1.0166	0.9939	1.0225	3 · 47	4:34	7:61	1.0171	2.12	5.28	5.61	11:79	υ 2 14	; }	41734	
110150	ijo: 9985	1 0222	8:71	4.63	8.13	110486	3.18	5.41	5:54	12 16	5414		41735	
J. C.	FERG	USON,	INS	PECTO	R.									-
0101	0.9935	1.0204	8.71	4 63	8-13	1.0468	2.10	4.68	5.09	11 71	56 b	1	39506	
1:0101	0 9931	1 0169	3.94	4 93	8.64	1 0452	2.03	3.80	4.81	11 31	62.8		39507	
1:0119	30.9930	1 -0191	4.00	5.00	8.77	1.0469	9-11	4.10	4:51	11:74	61.6		39508	
	0.9936		3.65	4.56		1.0481		5 46	5.21	12:04			395/19	
	0 9938					1.0465		4.83	5:36	11 63			39510	
E. BI	ELANI	o, INS	PECT	OR.						1				
0131	0 9928	1 0201	4.12	5.16	9:04	1.0498	2:24	4.79	5.01	12:47	59:7		36777	
		1 0200		4 34	7.61	1.0446	2:00	4:84	4:99	11.16			36778	
1 · 0 16 1	0.9929	1 0232	4:06	5 08	8.90	1.0524	2:36	5.72	5:79	13 12	55.1		36779	
1 '0164	0 . 9939	1 0226	3:27	4:34	7.61	1 0472	2.10	5:45	5.64	11.81	52.2		36780	
1 · 0131	0.9938	1 · 0193	3.23	4 · 42	7 74	1.0443	1	. 59	4.81	11 08	74.6		36781	
J. C.	ROUL	EAU.	INSP	ECTO	R.							<u>'</u> '		
1.0106	0.9937	1 · 0222	3 59	4.49	7 87	1 0479		4.95	5.54	11.94	53.6		968	
1 .0128	0 9932	1.0220	3.88	4.88	8.91	1 0498	2.24	5.16	5.49	12:47	64.0		954	
	0.9931			₹ 00	8.77	1.0480	2.16	4:44	4:79	12.01	HO:1		955	
0178	0 9948	1 · 0927	2 94	3.69	6.47	1.0431	1.94	5:54	5.66	10.78	47.5		956	
1.0114	0 9946	1.0171	3.63	3.83	6.72	1.0384	1.73	4:00	4 26	9 60	55.6		957	

	ectaon.	Natu	re	Name and Address	Co	et.	Name and Address of Manufacturer	Inspector's Report.
	The second	Samp			Quantity.	Cents.	or Furnisher, as given by the Vendor.	(Is not an expression of opinion.)
							DISTRICT	OF MONTREAL
190	09.		ff of the state of					[
July	15	Lager B	eer 402	50 Reinhardt & Son	a, 3 Bota	30	Vendors	Vienna
60	-15	99	402	Montreal. The Nat. Browerie	8, 11	25	11	Ekers Bohemian
11	19	19	402	Ltd., Montreal. 53 B. Ram, 395 St. Lav	W- 11	34	Union Brewing, Ltd,	
#1	19	F3	402	rence St., Montre 54 G. Daoust, 140 S	t. 5 "	50	Montreal. Reinhardt & Cc.,	Salvador
4	19	11	402	54 G. Daoust, 140 S Cath, E. Montre 55 F.X. St. Charles, Lt St. Gabr I at, Mon	d 6 n	70	Toronto.	Schlitz
			7	· Ostradt 1st, intoli	11/	,	DISTR	ICT OF OTTAWA-
Aug.	23	Lager Be	eer. 412	49 The Carling B. & M	R Pta	60	Vendors	Canada Club
11	23	11	412	Co., Ltd., Ottaws		35	v cardors	Capital
19	24	10	412	Co., Ltd., Ottaws	. 41	60	O'Keefe's, Ltd., To-	
10	21	11	1	52 Chelses Trading Co.	1	75	ronto. Unknown	Schlitz
н	24	Ťí	412	13 11 11 .	. 44	75	Anheuser Busch B.	Budweiser
				T	1		Digrator	r of kingston
	 - l			-	[[) ISTRIC	OF BINGSTON
Aug.		Lager Be		85 R. Stevenson, King	1	45	Bajus Brewery	
**	5	10	1	6 R. J. Lawlor, King ston.	1	45	Reinhardt & Co.,	
11	5	17	1	J. M. Parland, King ston.	1 1	45	Schlitz, Milwaukes.	
11	6	H		Wesley Bullen, Belle ville.	1 1	45	Carling, London, Ont	
**	6	**	4116	9 W. D. Rodbourne Belleville.	, "	45	O'Keefe, Toronto	
							DISTRI	CT OF TORONTO
lug.	11	Lager Be		The Hamilton Brew Asso, Ltd. Hamilt'r		60		Regal
11	18	11	4133	5 W.J. Donley, 205 Par	. 11	45	Copeland B. Co., Ltd.	Budweiser C. B. Co.,
	18	11				45	Reinhardt & Co.,	
11								
"	18	Ħ	4133	Queen st, e, Toronto. 7 T. K. Haffey, 216 Wilton Ave., Toronto. 8 D. Hayes, 420 King st., e, Toronto.	-	45		Pileener

LAGER BEER

t 15.5c. of Distil-	Dealco	RESULTS OF ANALYSIS.											aion of
ty at	ty of	1	Moohol	•	0 0 0 m		.a. ė	- ?	7	, e			0
Specific Gravity at 15-5-	Specific Gravity of holized residue.	Weight.	Volume	Proof Spirit.	Sp. Gravity o	Malt used, lbs. per Gallon.	Solids er (determ	Residue Solids (from tables	Solids in Origina Worts.	Degree of Fermentation	ervative.	No. of Sample.	Remarks, and Opinion the Chief Analyst.
8 8	80	By	By	As 1	Sp.	Z Z	Theal Beer (Rom	Sohi	2	Ž.	No	S.
J. J. COS	TIGAN,	INSP	ECTO	R.									
		b'e'	p.c.	p.c.			p.c.	p.e.	p.c.				
.0082 0.90	34 1 0102	3.76	4:71	8.26	1.0871	1.67	2.13	2.54	9 · 27	72 6		40250	
0125 0.99	38 1 0184	3.23	4 · 42	7:74	1 0434	1.95	4:34	4.59	10.85	57 6		40251	
· 0126 U 993	38 1 0189	3.23	4 · 42	7:74	1.0439	1.97	4:37	4:71	10.88	57 1		40253	
.0090 0.99	30 1 0161	4:00	5.00	8.77	1.0449	2.02	8.75	4.01	11 23	64 2		40254	
0140 0:98	1 0204	3.50	4 - 49	7:87	1.0459	3.06	4.80	5.09	11.48	55.6		40255	
. A. RIC	KEY, II	SPEC	TOR.										
0147 0 99	3 1 0204	3.24	4:05	7:10	1 0431	1.94	4 87	5.09	10.78	52.7		41249	
.0080 0 . 995	1 0151	3.76	4:71	8 26	1 0420	1.89	3.35	3.76	10.20	64 2		41250	
0086 0:95	8 1 0146	3.23	4 · 42	7:74	1 .0396	1.78	8 24	3.64	9.90	63 · 2		41251	
0115 0 993	1 1 0184	3.94	4.93	8.64	1 · 0467	2.10	4.12	4 59	11.63	60.7		41252	
0155 0.993	2 1 0222	3 88	4.85	8.51	1.0500	2.32	5.13	5.24	12.52	55.7		41253	
AS. HOG	AN, in	SPECT	OR.		r					,			
0100 0.894	8 1.0188	3.12	3.90	6.84	1 0373	1.68	3 · 60	3.86	p·32	59.5		41165	
0078 0 999	5 1 0 .51	4 31	5 39	9.45	1.0463	2.09	3.60	3.76	11.28	67.5		41166	
0138 0 903	8 1 0204	3.23	4-42	7. 4	1 :0454	2:04	4.76	5.09	11 .36	55.1		41167	
0114 0 994	3 1 '0173	3 24	4.05	7.10	1.0400	1.80	3.86	4.31	10.00	56-9		41168	
0.998	7 1 0161	3.20	4 · 49	7.87	1.0416	1.87	3.81	4.01	10.40	61.4	,	41169	
I. J. DAG	ER, IN	SPECT	ror.	,			- 1	J			,		
0154 0 993	5 1 .0220	3.71	4.63	8:18	1 0484	2.18	5.26	5.49	12.11	54.6		41334	
0124 0 992		4 19	5:24		1.0504	2.27	4.50	5 04	12.62	60.0		41335	
0110 0 992		4.31	5.39		1.0481	\$ 26	4 12	4.21	12.04	65.0		41336	
0075 0 998		3.88	4.85		1.0410	1.85	3.36	3.29	10.26	67.9		41337	
0051 0 998	1	3.65	4.56		1 :0370	1.67	2.45	2:74	9.36	70.4		41938	

	Name and Address	ST.	Co				ė
Inspector's Report. (Is not an expression of opinion.)	of Manufacturer or Furnisher, as given by the Vendor.	Cents.	Quantity.	Name and Address of Vendor.	No. of Sample.	Nature of Sample.	Date of Collection.
ICT OF LONDON-	DISTR						No Inches
	1						1909.
D V	Holliday	25	3 bots.	E. J. Watson,	30635	Lager Beer.	July 22
	Kuntz & Co., Water	37	1	Guelph. Walsh Brotners, Stratford.	30693	n .	. 23
	loo. Berlin Brewery	40	11	waiter Sault, Gode-	30801		n 26
	Cosgrove Brewing	30	1 1	Chas. B. Puch.		tf ,	и 29.
** ** *** - * * * * * * * * * * * * * *	Co., Toronto.			Clinton.			-
T OF WINDSOR-	DISTRIC					Annel Andrew State Springer	
	H. Kuntz, Hamilton.	32	3 bots.	E. B. Smith, Lon-	35975 1	Lager Beer.	13 9-3
***************	C. H. Huether		н	don, Ont. E. B. Smith, Lon-	35976 F	и ,	. 23.
**** ************	Hamilton. Kuntz Brewing Co.,		**	don. Ed. Shea, London.		и .	n 22.
	Waterloo. Carling B. & M. Co.,		a	Ed. Shea, London.		и .	n 22.
	London, Ont. Schlitz Co., Milwankee, U.S.	1	0	Ont. Scandrett Bros	35979 S	11 .	. 22
OF MANITOBA-							
OF MANITOBA-			1			Lager Beer.	Inla 99
	Vendors	1	3 bota.	Blackwood Limited, Winnipeg. P. Shea, Winnipeg.	89746 B		" 23
	McDonagh & Shea, . Winnipeg.	1	11			11	000
	M. Co., Ltd.	Т	w .	emire & Co., Win- nipeg.	39748 L	**	. 23.
OF CALGARY-	Moosejaw, Sask. DISTRICT						
	Vendors	50 8	qts.	ethbridge B. & M. & Co., Ltd., Leth		ager Beer	ing. 5.
	11	50		algary B. & M. Co	5578 Ca		uly 29
*********		50		olden West B. Co.,	5579 G	и .	. 29
*** ************	"	50		Calgary. tratheona P. & M.	5580 St		ug. 10.
	"	50		C., Stratheona. dmonton B. & M. Co., Edmonton.	5581 Ec	4	n 10.

LAGER BEER.

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					Ra	BULTS	OF AN	ALYSIS.						Om of
Gr. at 5.15" Gr. of Distilles at 15.5".	3:		Alcohol	1		4, 46		44	T.				and Opinion	
Sp. Gr. at 5 15	Gr. of Dis	25	#	me.	of	Ori	Gallon.	2.8	Sold	O	of Fer-	1408	7	Paris.
Gr. 1		9 g	Weight	Velume.	proof	Worte.	15	Seer (de mined.)	3	.E #		E	2	2
क्ष	8. a	- Page	By	By	As	Sp.Gr. of Original Works.	Malt	Total Be	Residual Solida (frum tables).	Solids in Origin Worte.	Degree	Preservativos	No. of Sample	N.
т. кі	DD, I	NSPE	CTOR.	*					No.	-		,		
			p. c.	p, e,	р. с.			p. e.	p. c.	p. c.				
1:0094	0.9940	1 · 0152	3.41	4:27	7:49	1 0298	1:77	3.40	3.79	9.82	61.4		30685	
0164	0.9940	1 · 0227	3:41	4.27	7.49	1.0468	2.10	5.35	5.66	11.71	51.6		30693	
*	*	•	•			*						-*******	30901	
1 0157	0.9947	1.6209	3.00	3.76	6.28	1 0418	1.88	4 82	5.21	10 45	50:1		30812	
NO.	TALB	от, п	NSPEC	TOR.				1		1	- 1			
0172	0 9939	1.0230	3.47	4.34	7.61	1 0476	2.14	5.41	5.74	11 .91	51.8		35975	*****
.0131	0.9941	1.0191	3.35	4.20	7:36	1 0427	1.92	4 87	4:76		55.4		35976	
.0164	0.9945	1 · 0221	3.12	3.80	6.84	1 .0439	1.97	5.13	5:51	10.88	49.8		35977	
0146	0.9943	1.0200	3.24	4.05	7.10	1.0427	1.92	4.70	4:99	10.68	53 3		35978	
0096	0.9927	1 · 0167	4.19	5.24	9.15	1.0469	2.11	3.78	4.16	11:74	64 5		35979	
. C.	LARI	VIERI	E, INS	PECTO	OR.						*			-
0150	0.9910	0208	3.41	4.27	7 49	1 0449	2.02	4.70	5.19	11 23	53.8		39746	
0144	9938	0205	3.28	4.42	7:74	1.0455	2.05	4.62	5.11	11.38	55.1		39747	
0180	0.9045	'0233	3.12	3.80	6.84	1.0451	2.03	5 42	5.81	11 · 28	4.85		39748	
. w.	FLET	CHE	R, INS	PECTO	DR.	_				1				
0161	9942	0218	3.29	4.12	7 23	0449	2.02	5.82	5-44	11.23	51.5 .		86574	
0187	9989 1	0220	3 47	4.34	7.61	0466	2.10	5.22	5.49	11:66	52.9		35578	
0137	9937 1	0199	3.59	4:49	7.87		3.01	1.73	1	11:36	56:3	1	35579	
0110	9936 1	0174	3.65	4 56	8.00 1	10434	1.95	4.05		10.85	60.0		35580	
0151 0	9934 1	0215	3.76	4.71	8.26 1	.0484	2 18	5.22		12-11	55.7	1	35581	

^{*} Sample not received.

196-2

BULLETIN NO. 196-

				Coe	7.				
Date of Collection.	Nature of Sample.	Name and Address of Vendor.		Quantity.		Name and Address of Manufacturer or Furnisher, or given by the Vendor.	Inspector's Report, (Is not an expression of opinion),		
1909.						DISTRICT	OF VANCOUVER-		
	Lager Beer.	37687	Gold Seal Liquor Co., Vancouver. J. P. Turner. Van- couver. 3 Star Wine Co., Vancouver.	8 qts.	75	Victoria Phenix B. Co., Victoria. Anheuser Busch B. Association Ltd., St. Louis, U.S. Dorfes Brewery, Washington.			

DISTRICT OF VICTORIA-

Aug.	5.	Lager Beer.	41516 WindsorGrocery Co., 3 qts. Victoria, B.C.	75 Anheuser Busch B. Budweiser
u	5.	19	41517 Saunders Grocery Co. Ltd., Victoria,	St. Louis, U.S. America Brewing A.B.C. Bohemian Co., St. Louis, U.S.
11	6.	**	41518 Fred. Carne, Victoria, B.C.	40 Vancouver Breweries Cascade
н	6.	"	41b19 D. H. Ross & Co., Victoria, B.C.	Ltd., Vancouver. Victoria Phœnix B. Victoria Phœnix Ex-
**	6.	**	41520 D. H. Ross & Co., Victoria, B.C.	Co., Victoria, B.C., port. Seattle B. & M. Co., Seattle, U.S.

LAGER BEER.

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					Ran	ULTS O	V ANA	LYNIH,						
io.	1	7:	Alcohol.			1	4	á .s.		1	4		ď	
Sp. Gr. at 15-5°.	Sp. Gr. of Di late at 15 5	Sp. Gr. of I cobolized r due.	By Weight.	By Volume.	As proof spirit.	Sp. Gr. of Origi Worts.	Malt used, per Gallon.	Total Solids Berr, (dete mined).	Residual Solid (from tables	Solids in Original Worts.	Degree of Pasentation.	Preservatives	No. of Sample	
J. F.	POWE	R, IN	SPECT	OR.				*						
			р. с.	p. c.	р. с.			р. с.	p. c.	р. с.				
1.0115	0.9935	1.0181	3.71	4.63	8:13	1:0445	2:00	4:19	4:51	11.18	59:5		37686	
1.0128	0 9931	1.0217	4.00	5.00	8:77	1.0500	2 25	5.44	5:41	12.52	56.8		37 987	
1.0118	0.9928	1 '0193	4:12	5.16	9.01	1 0492	2.21	4.81	4:81	12 31	60.0		37688	
1.0090	0 9924	1 '0165	4:37	5.47	9 58	1.0485	3.17	3.89	4 11	12 06	65.7		37689	
1 · 0158	0.9923	1 '6228	4'44	5.55	9.72	1.0550	2.47	5 34	5.69	13.78	58.7		37690	
D. O	BULLI	VAN,	INSP	ECTO	7.									
1 · 015	0.9934	1 · 0219	3.76	4:71	8.26	1 · 0488	2.20	5:27	5:46	12.21	55 2		41516	
1 · 0130	0.9929	1 · 0198	4:06	5:08	8.90	1 · 0490	2.30	4.67	4 94	12.26	59.7		41517	
1 · 0165	0.9930	1 0234	4.00	5:00	8.77	1.0522	2:35	5.68	5.84	13.07	55.3	********	41518	
1 012	0.9948	1 · 0180	3:24	4.05	7.10	1 · 0407	1.83	4.34	4 . 49	10.18	55.9		41519	
1.012	0 9924	1.0202	4:37	5:47	9.58	1:0471	2.12	4:57	5 04	11:79	57.3		41520	